

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09929465	Not Issued	164	08/14/2001	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Kirsner, Jeff
09999799	6620770	150	10/31/2001	Additive For Oil-Based Drilling Fluids	Kirsner, Jeff
10175272	6887832	150	08/19/2002	Method Of Formulating And Using A Drilling Mud With Fragile Gels	Kirsner, Jeff
10292124	Not Issued	71	11/12/2002	Invert Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
10432786	Not Issued	41	12/10/2003	Thinners For Invert Emulsions	Kirsner, Jeff
10432787	Not Issued	82	02/17/2004	Thinners For Invert Emulsions	Kirsner, Jeff
10611009	7008907	150	07/01/2003	Additive For Oil-Based Drilling Fluids	Kirsner, Jeff
10656684	Not Issued	41	09/05/2003	Drilling Fluid And Method For Enhanced Suspension	Kirsner, Jeff
10761552	Not Issued	71	01/21/2004	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Kirsner, Jeff
10799810	Not Issued	71	03/12/2004	Surfactant-Free Emulsions And Methods Of Use Thereof	Kirsner, Jeff
10831932	Not Issued	161	04/26/2004	Drill Cutting Deoiling	Kirsner, Jeff
10933560	Not Issued	95	09/04/2004	Method Of Formulating And Using A Drilling Mud With Fragile Gels	Kirsner, Jeff
10995774	Not Issued	41	11/23/2004	Environmentally Friendly Water Based Mud Deflocculant/ Thinner	Kirsner, Jeff
11633703	Not Issued	30	12/05/2006	Invert Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
11633704	Not Issued	30	12/05/2006	Invert Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
11633822	Not Issued	30	12/05/2006	Invert Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
11634008	Not Issued	30	12/05/2006	Invert Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
11825236	Not Issued	19	07/05/2007	Diesel Oil-Based Invert Emulsion Drilling Fluids And Methods Of Drilling Boreholes	Kirsner, Jeff
11893195	Not Issued	19	08/15/2007	Method Of Formulating And Using A Drilling Mud With Fragile Gels	Kirsner, Jeff
08184427	5415230	250	01/21/1994	Method And Combination Of Materials For Releasing A Stuck Pipe	Kirsner, Jeffrey P.
08440584	5555937	150	05/15/1995	Method And Combination Of Materials For Releasing A Stuck Pipe	Kirsner, Jeffrey P.
10432788	6997270	150	05/27/2003	Novel Compounds And Method For Generating A Highly Efficient Membrane In Water-Based Drilling Fluids	Pober, Kenneth W.
09758754	6435276	150	01/10/2001	Spotting Fluid For Differential Sticking	Pober, Kenneth W.
09758755	Not Issued	168	01/10/2001	Method And Composition For Improving Silicate Mud Lubricity	Pober, Kenneth W.
09929465	Not Issued	164	08/14/2001	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Pober, Kenneth W.
10117957	6662871	150	04/08/2002	Spotting Fluid For Differential Sticking	Pober, Kenneth W.
10167882	6989352	150	06/12/2002	Silicic Acid Mud Lubricants	Pober, Kenneth W.
10334856	6889780	150	12/31/2002	Method For Drilling Depleted Sands With Minimal Drilling Fluid Loss	Pober, Kenneth W.
10680951	6984611	150	10/08/2003	Spotting Fluid For Differential Sticking	Pober, Kenneth W.
10746589	Not Issued	41	12/24/2003	Method And Composition For Improving Performance Of Aqueous And Polymer Based Fluids At High Temperatures	Pober, Kenneth W.
10761552	Not Issued	71	01/21/2004	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Pober, Kenneth W.
10799810	Not Issued	71	03/12/2004	Surfactant-Free Emulsions And Methods Of Use Thereof	Pober, Kenneth W.
10813719	Not Issued	30	03/31/2004	Method And Composition For Improving Nmr Analysis Of Formation Fluids	Pober, Kenneth W.
06547906	4537688	150	11/02/1993	Low And High Temperature Drilling Fluids Based On Sulfonated Terpolymer Ionomers	Pober, Kenneth W.
06562163	4637882	150	12/16/1993	Polyampholytes - High Temperature Viscosifiers For High Ionic Strength Drilling Fluids	Pober, Kenneth W.
06599449	4578456	150	04/12/1984	Ethoxylated Lignite Composition And Method Of Preparing	Pober, Kenneth W.
06723608	4614235	150	04/15/1985	Use Of Mono And Polyalkylene Glycol Ethers As Agents For The Release Of Differentially Stuck Drill Pipe	Pober, Kenneth W.
07132849	4817721	150	12/14/1987	Reducing The Permeability Of A Rock Formation	Pober, Kenneth W.
07274543	4860829	150	11/21/1988	Inhibition Of Reservoir Scale	Pober, Kenneth W.
07781791	5284924	150	10/23/1991	Process For The Preparation Of Polyolefin/Acrylonitrile Copolymers And Polyolefin/Acrylic Acid Or Substituted Acrylic Acid/Acrylonitrile Terpolymers	Pober, Kenneth W.
08141841	5405916	150	10/22/1993	Process For The Preparation Of Polyolefin/Acrylonitrile Copolymers And Polyolefin/Acrylic Acid Or Substituted Acrylic Acid/Acrylonitrile Terpolymers	Pober, Kenneth W.
07468769	4967521	150	01/23/1990	Anti-Ponding Riser And Edge Flashing	Pike, Robert
09255004	6276943	150	02/22/1999	Modular Plug Connector And Improved Receptacle Therefor	Pike, Robert
09584546	6721880	150	05/31/2000	Method And Apparatus For Maintaining Configuration Information For A Configured Service In A Computing Environment By The Configured Service	Pike, Robert
09918494	6796806	150	08/01/2001	Modular Hssdc Plug Connector And Improved Receptacle Therefor	Pike, Robert
09929465	Not Issued	164	08/14/2001	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Pike, Robert W.
10201052	6866662	150	07/23/2002	Ablation Catheter Having Stabilizing Array	Pike, Robert W.
10694118	7207989	150	10/27/2003	Method For Ablating With Needle Electrode	Pike, Robert W.
10761552	Not Issued	71	01/21/2004	Blends Of Esters With Isomerized Olefins And Other Hydrocarbons As Base Oils For Invert Emulsion Oil Muds	Pike, Robert W.
11024537	Not Issued	41	12/29/2004	Ablation Catheter Having Stabilizing Array	Pike, Robert W.
11739587	Not Issued	19	01/01/2001	Method For Ablating With Needle Electrode	Pike, Robert W.
06209946	4383252	150	11/24/1980	Intravenous Drip Feed Monitor	Pike, Robert W.
06637476	4605406	150	08/03/1984	Method For Fabricating Prosthesis Material	Pike, Robert W.
07878940	5622652	150	05/05/1992	Microencapsulated Oil Field Chemicals	Pike, Robert W.
08887045	5928182	150	07/02/1997	Pediatric Programmable Hydrocephalus Valve	Pike, Robert W.
09360370	6326335	150	07/13/1999	Microencapsulated Oil Field Chemicals	Pike, Robert Wayne

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	989945	ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
L3	2265	isomer\$5 adj olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
L4	201661	paraffin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
L5	9902	"507"/.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
L6	51	L2 and L3 and L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:36
L7	351	507/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
L8	1966112	percent or "%" or "wt%"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35

## EAST Search History

L9	39	L6 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:36
S1	1	"20040152603".pn.	US-PGPUB; USPAT	OR	ON	2006/05/22 07:33
S2	5	("4537688" "5922652" "6326335" "6620770" "7008907").PN.	US-PGPUB; USPAT	OR	ON	2006/05/18 10:58
S3	0	S2 and (isomer\$5 adj olefin)	US-PGPUB; USPAT	OR	ON	2007/01/23 06:03
S4	0	S2 and olefin and paraffin	US-PGPUB; USPAT	OR	ON	2007/01/23 06:04
S5	2	S2 and (olefin or paraffin)	US-PGPUB; USPAT	OR	ON	2006/05/18 11:00
S6	1589	(isomer\$5 adj olefin)	US-PGPUB; USPAT	OR	ON	2006/05/18 12:51
S7	65	("2816073" "20010009890" "2003014 4153" "20040064897" "3684012" "387 8117" "3912683" "3954627" "4007149  "4012329" "4025443" "4148821" "41 51096" "4153588" "4240915" "425526 8" "4262455" "4366070" "4390474" "4 422947" "4425462" "4428845" "44473 38" "4473479" "4488975" "4552215" " 4553601" "4619772" "4671883" "4787 990" "4802298" "4810355" "4900456"  "4964615" "5045219" "5106516" "51 89012" "5232910" "5252554" "531895 4" "5318955" "5318956" "5333698" "5 403822" "5407909" "5432152" "54419 27" "5498596" "5508258" "5552462" " 5569642" "5589442" "5607901" "5744 677" "5837655" "5846913" "5849974"  "5869434" "5909779" "6022833" "61 65946" "6180572" "6289989" "651503 1" "RE36066").PN.	US-PGPUB; USPAT	OR	ON	2006/05/22 07:33
S8	16	S7 and olefin and paraffin	US-PGPUB; USPAT	OR	ON	2006/05/22 07:34
S9	333	507/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 07:40
S10	24	S9 and isomer\$5 and olefin and paraffin	US-PGPUB; USPAT	OR	ON	2006/05/22 07:41

## EAST Search History

S11	15	S9 and (isomer\$5 with olefin) and paraffin	US-PGPUB; USPAT	OR	ON	2006/05/22 07:47
S12	7	S9 and ((isomer\$5 with olefin) same paraffin)	US-PGPUB; USPAT	OR	ON	2006/05/22 07:50
S13	50	(US-5691281-\$ or US-5498596-\$ or US-6277916-\$ or US-6280516-\$ or US-6344515-\$ or US-6395791-\$ or US-6323157-\$ or US-6887832-\$ or US-6461999-\$ or US-6294508-\$ or US-6284842-\$ or US-6310163-\$ or US-6333298-\$ or US-6475963-\$ or US-6362270-\$ or US-6190768-\$ or US-6262161-\$ or US-6344505-\$ or US-6359073-\$ or US-6376095-\$ or US-6433090-\$ or US-6265576-\$ or US-6297377-\$ or US-6306939-\$ or US-6329465-\$ or US-6348591-\$).did. or (US-6355708-\$ or US-6365652-\$ or US-6384113-\$ or US-6376455-\$ or US-6433068-\$ or US-6329447-\$ or US-6414155-\$ or US-5965783-\$ or US-6300291-\$ or US-5569642-\$ or US-6407302-\$ or US-5026493-\$ or US-5854185-\$ or US-6071863-\$ or US-6358892-\$ or US-3914131-\$ or US-6399548-\$ or US-6472452-\$ or US-5909779-\$ or US-H001305-\$ or US-6448458-\$ or US-5008315-\$ or US-6325956-\$ or US-6369166-\$).did.	USPAT	OR	ON	2006/05/22 07:50
S14	2	S13 and ((isomer\$5 with olefin) same paraffin) and (invert\$4 with emulsion)	US-PGPUB; USPAT	OR	ON	2006/05/22 08:33
S15	1	"20030036484".pn.	US-PGPUB; USPAT	OR	ON	2006/05/22 08:33
S16	1	S15 and ((isomer\$5 with olefin) same paraffin) and (invert\$4 with emulsion)	US-PGPUB; USPAT	OR	ON	2006/05/22 08:33
S17	2	("5382290" "5620946").PN.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:29
S18	344	507/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:34
S19	956792	ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 06:02

## EAST Search History

S20	2144	isomer\$5 adj olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 06:03
S21	193938	paraffin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 06:05
S22	9638	"507"/.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 06:06
S23	42	S19 and S20 and S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35
S24	1902949	percent or "%" or "wt%"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 06:09
S25	35	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 06:35